

MORASH, MELANIE

From: Niemeyer, Linda [US] (CO) (Contr) <Linda.Niemeyer@ngc.com>
Sent: Monday, February 13, 2017 1:01 PM
To: MORASH, MELANIE
Cc: Mora, Rebecca; Holbrook, Holly; Lesperance, James [US] (ES&CSO)
Subject: RE: TRW Microwave Site - Proposed Path Forward

Hi Melanie,

We wanted to provide an update to our 12/21 email for the Former TRW Microwave site. In January, we re-collected depth-discrete samples from the upper and lower portions of the well T-9B screen, per the approach outlined in the 12/21 email. We received the results and they are not consistent with the October 2016 sampling event as shown in the table below (all values in micrograms per liter).

Date	Well/Sample Depth	TCE	cDCE	VC	Freon113
Oct-16	T-9B-29	3.8	2.9	<0.50	<0.50
Jan-17	T-9B-29	300	280	2.6	1
Oct-16	T-9B-34	100	93	<2.5	<2.5
Jan-17	T-9B-34	230	330	7.3	1.6

Because the January 2017 depth-discrete data are not consistent with the prior October 2016 data, the conclusions of the original Background Water Quality Evaluation Report (submitted on November 15, 2016) will not be revised at this time. Therefore, we ask that EPA move forward with reviewing the original submitted report.

After receiving EPA's approval of the Background Water Quality Evaluation Report, we will submit a Draft Well Installation Work Plan to EPA explaining the rationale and proposed locations for installation of new monitoring wells that will support the evaluation of background concentrations. Then we plan to proceed with the remainder of the steps outlined in the 12/21 email.

I also want to take this opportunity to introduce a new member on Northrop Grumman's project team. His name is James L'Esperance (copied here) and he is located in the corporate office in El Segundo. I'll be transitioning the project management role to him over the next couple of months, but will continue to support the project as a technical advisor.

Please let us know if you would like to discuss or have any questions.

Thanks,
Linda

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From: Mora, Rebecca
Sent: Wednesday, December 21, 2016 4:50 PM

To: morash.melanie@epa.gov
Cc: 'laniemeyer@roadrunner.com'; Holbrook, Holly
Subject: TRW Microwave Site - Proposed Path Forward

Hi Melanie,

Thank you again for your time on Monday to go over the Background Water Quality Evaluation field work and results, as well as next steps for the Former TRW Microwave site in Sunnyvale. Per our discussion, below is a summary of what we understand to be our next steps/path forward for the site. Please review and let us know if you have any comments:

- Submit a revised Background Water Quality Evaluation Report OR Amendment that includes the updated interpretation of the Zone B1 hydrostratigraphic units in the vicinity of existing well T-9B.
- Resample well T-9B... collecting depth-discrete samples from both the upper and lower portions of the screen... similar to October 2016 approach.
- After receiving EPA's approval of the revised Background Water Quality Evaluation Report, submit a Draft Well Installation Work Plan to EPA explaining the rationale and proposed locations for installation of new monitoring wells that will support the evaluation of background concentrations.
- Schedule a call/WebEx with Melanie and Herb Levine to discuss the Well Installation Work Plan and also the preliminary approach for determining background values. These background values will serve as alternate cleanup goals for the site and will be presented to EPA in a Background Water Quality Proposal.
- Finalize/submit the Well Installation Work Plan, install and sample the new wells, and evaluate the results.
- Submit a Draft Background Water Quality Proposal to EPA. This document will include:
 - o Analytical data from the newly installed wells.
 - o Proposed "background" water quality values to be used as alternate cleanup goals for the site
 - o Approach for optimizing the groundwater monitoring program
- Schedule a call/WebEx or in-person meeting with Melanie and Herb Levine to discuss the Draft Background Water Quality Proposal as well as proposed remedial alternatives for evaluation in the Focused Feasibility Study (FFS) document.
- Finalize/submit the Background Water Quality Proposal and prepare the Draft FFS document. The FFS document will evaluate remedial alternatives for the site based on the alternate cleanup goals.

Thank you and have a wonderful holiday season!

Rebecca

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